Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	541	(166/208).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 12:49
L2	274	1 and expand$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:50
L3	28	2 and (expand$4 near5 (liner adj hanger))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:50
S1	2	(("6691789") or ("6688399")).PN.	USPAT	OR	OFF	2004/12/02 12:49
S2	2	(("6691789") or ("6688399")).PN.	USPAT	OR	OFF	2004/12/02 11:04
S3	6061	((166/277,384,383,206,207,212,242.2, 242.6) or (285/236,371,259,369,373)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 11:05
S4	1642	S3 and expand$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:50
S5	155	S4 and (liner near4 hanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:06
S6	92	S5 and (groove cut)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:30
S7	33	S6 and (expand$4 near5 (liner adj hanger))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:50

S8	59	S6 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:08
S9	80	("0761518" | "1324303" | "1545039" | "1561418" | "1569729" | "1597212" | "1930825" | "1981525" | "20010040054" | "20010045284" | "20020145281" | "2214226" | "2383214" | "2499630" | "2627891" | "2663073" | "2898971" | "3087546" | "3191677" | "3195646" | "3208531" | "3467180" | "3712376" | "3776307" | "3818734" | "3893717" | "3911707" | "3948321" | "4069573" | "4127168" | "4159564" | "4288082" | "4319393" | "4324407" | "4429620" | "4531581" | "4588030" | "4697640" | "4848469" | "5052483" | "5222555" | "5271472" | "5409059" | "5435400" | "5472057" | "5542454" | "5560426" | "5620052" | "5667252" | "5685369" | "5901787" | "6021850" | "6029748" | "6098717" | "6189616" | "6325148" | "6425444" | "6431282" | "6457532" | "6457533" | "6488095").PN. OR ("6688399" | "6691789").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 12:40
S10	77	S9 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:11
S11	106	(expand$4 near5 (liner adj hanger))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:30
S12	68	S11 and (groove cut)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:30
S13	35	S12 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:30

| S14 | 10 | (("6648075") or ("6591905") or ("6585053") or ("6578630") or ("6543552") or ("6527533") or ("6446323") or ("20030042028") or ("20030037931") or ("20020166668")).PN. | US-PGPUB; USPAT | OR | OFF | 2004/12/02 12:41 |

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1218	(166/277,384,383,206,207,212,242.2, 242.6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/07/21 08:47
S2	185	((166/277,384,383,206,207,212,242.2, 242.6).CCLS.) and (expand$3 near3 (casing tubing tubular liner pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:27
S3	67	(((166/277,384,383,206,207,212,242. 2,242.6).CCLS.) and (expand$3 near3 (casing tubing tubular liner pipe))) and (projection insert button)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 12:42
S4	2	("3467180").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/11/18 12:48
S5	24	"3467180".URPN.	USPAT	OR	ON	2002/11/18 12:42
S6	12	((166/277,384,383,206,207,212,242.2, 242.6).CCLS.) and (expand$3 near3 (projection button insert teeth))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 14:02
S7	368	((166/277,384,383,206,207,212,242.2, 242.6).CCLS.) and (projection button insert teeth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:03
S8	209	(((166/277,384,383,206,207,212,242. 2,242.6).CCLS.) and (projection button insert teeth)) and groove	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:00
S9	6	((((166/277,384,383,206,207,212,242. 2,242.6).CCLS.) and (projection button insert teeth)) and groove) and diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 12:59
S10	4	((((166/277,384,383,206,207,212,242. 2,242.6).CCLS.) and (projection button insert teeth)) and groove) and (reslient pliable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:04

S11	21129	(expand$3 near3 (casing tubing tubular liner pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:02
S12	1295	("175"/$ "166"/$) and (expand$3 near3 (casing tubing tubular liner pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:03
S13	582	(("175"/$ "166"/$) and (expand$3 near3 (casing tubing tubular liner pipe))) and (projection button insert teeth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:08
S14	4	(((("175"/$ "166"/$) and (expand$3 near3 (casing tubing tubular liner pipe))) and (projection button insert teeth)) and (reslient pliable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:08
S15	6	(((("175"/$ "166"/$) and (expand$3 near3 (casing tubing tubular liner pipe))) and (projection button insert teeth)) and (relief near3 (groove slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:09
S16	5256	((expand$3 near3 (casing tubing tubular liner pipe))) and (projection button insert teeth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:08
S17	146	(((expand$3 near3 (casing tubing tubular liner pipe))) and (projection button insert teeth)) and (reslient pliable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:08
S18	1	((((expand$3 near3 (casing tubing tubular liner pipe))) and (projection button insert teeth)) and (reslient pliable)) and (relief near3 (groove slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:20
S19	79	((((expand$3 near3 (casing tubing tubular liner pipe))) and (projection button insert teeth)) and (reslient pliable)) and (groove slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:27
S20	15	("1175834" | "2147355" | "2367447" | "2371971" | "2481001" | "2793883" | "3142502" | "3233922" | "3359017" | "3402946" | "3627353" | "3933377" | "4026586" | "4226446" | "4380348"). PN.	USPAT	OR	ON	2002/11/18 13:23
S21	7	"4538839".URPN.	USPAT	OR	ON	2002/11/18 13:23

S22	2604	(285/236,371,259,369,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/07/21 08:47
S23	86	((285/236,371,259,369,373).CCLS.) and (expand$3 near3 (casing tubing tubular liner pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 13:55
S24	397	(166/208).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/07/21 08:47
S25	67	((166/208).CCLS.) and (expand$3 near3 (casing tubing tubular liner pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 14:00
S26	108	(166/208).CCLS.	USOCR	OR	OFF	2002/11/18 14:00
S27	38	((166/208).CCLS.) and (expand$3 near3 (casing tubing tubular liner pipe))	USOCR	OR	ON	2002/11/18 14:01
S28	3	((166/208).CCLS.) and (expand$3 near3 (projection button insert teeth))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/18 14:03
S29	5	((166/208).CCLS.) and (expand$3 near3 (projection button insert teeth))	USOCR	OR	ON	2002/11/18 14:03
S30	2	("5542454").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/21 07:48
S31	36	("1889060" | "1894519" | "1940332" | "2252978" | "2722462" | "3094018" | "3129982" | "3148004" | "3164216" | "3197262" | "3227498" | "3294122" | "3397017" | "3410613" | "3411837" | "3425757" | "3449022" | "3458922" | "3480094" | "3484122" | "3588199" | "3709569" | "3804168" | "3893778" | "3894780" | "3948575" | "3999811" | "4072369" | "4279850" | "4281722" | "4318426" | "4354529" | "4398772" | "4796670" | "4907661" | "5069297").PN.	USPAT	OR	ON	2003/04/21 07:48

S32	6	"5542454".URPN.	USPAT	OR	ON	2003/04/21 07:51
S33	1355	(166/277,384,383,206,207,212,242.2, 242.6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/07/21 08:47
S34	2641	(285/236,371,259,369,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/07/21 08:47
S35	411	(166/208).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/07/21 08:47
S36	4352	((166/277,384,383,206,207,212,242.2, 242.6).CCLS.) or ((285/236,371,259, 369,373).CCLS.) or ((166/208).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/21 08:47
S37	180	(((166/277,384,383,206,207,212,242. 2,242.6).CCLS.) or ((285/236,371,259, 369,373).CCLS.) or ((166/208).CCLS.)) and (@PD>"20021120")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/21 08:49
S38	2	("5542454").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/07/21 08:50